

6.6 – FOOTING WIDTH TABLE

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Minimum width of concrete footing for Logix walls inches (mm)

| Maximum Number of Stories | MINIMUM LOAD BEARING VALUE OF SOIL (psf) | | | | |
|---|--|--------------|--------------|--------------|--------------|
| | 2,000psf | 2,500psf | 3,000psf | 3,500psf | 4,000psf |
| 6-1/4 Inch Flat Logix Wall Thickness | | | | | |
| One Story | 15" (380mm) | 12" (310 mm) | 10" (250 mm) | 9" (230 mm) | 8" (200 mm) |
| Two Story | 20" (510 mm) | 16" (410 mm) | 13" (330 mm) | 12" (310 mm) | 10" (250 mm) |
| 8 Inch Flat Logix Wall Thickness | | | | | |
| One Story | 18" (460 mm) | 14" (360 mm) | 12" (310 mm) | 10" (250 mm) | 8" (200 mm) |
| Two Story | 24" (610 mm) | 19" (480 mm) | 16" (410 mm) | 14" (360 mm) | 12" (310 mm) |
| 10 Inch Flat Logix Wall Thickness | | | | | |
| One Story | 20" (510 mm) | 16" (410 mm) | 13" (330 mm) | 11" (280 mm) | 10" (250 mm) |
| Two Story | 27" (690 mm) | 22" (560 mm) | 18" (460 mm) | 15" (380 mm) | 14" (360 mm) |

- Minimum footing thickness shall be the greater of one-third of the footing width, 6 inches, or 11 inches when a dowel is required in accordance with code.
- Footings shall have a width that allows for a nominal 2-inch projection from either face of the concrete in the wall to the edge of the footing.
- Table values are based on 32 ft. building width (floor and roof clear span).
- Basement walls shall not be considered as a story in determining footing widths.
- Actual thickness is shown for flat walls.
- Applicable also for 8-inch thick or 10-inch thick Logix foundation wall supporting 4-inch thick Logix stories.
- Applicable also for 10-inch thick Logix foundation wall story supporting 6.25-inch thick Logix stories.